

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN GLUOFF



Material no.

Specification

154298

Revision date

30.10.2019

Version

1.01

Print date

30.10.2019

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME : IGL Coatings™ ecoclean gluoff

FUNCTION : Adhesive and glue removal

COMPANY : Ominent Sdn Bhd

ADDRESS : 6, Jalan Para U8/103, Bukit Jelutong, 40150 Shah Alam, Selangor Darul Ehsan, Malaysia.

PHONE : +60378310980

EMAIL ADDRESS : sales@iglcoatings.com

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008

H225 Highly flammable liquid and vapour

H302+H312+H332 Harmful if swallowed, in contact with skin or inhaled

H319 Causes serious eye irritation

2.2 Label Elements

Regulation (EC) No. 1272/2008



GHS07



GHS02

Hazard statements

H225 Highly flammable liquid and vapour

H302 Harmful if swallowed

H312 Harmful if contact with skin

H332 Harmful if inhaled

H319 Causes serious eye irritation

Precautionary statements

P101 If medical advice is needed, have product container or label on hand

P102 Keep out of reach of children

P264 Wash exposed skin thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P363 Wash contaminated clothing before reuse.

P405 Store locked up

P501 Dispose of contents/container to comply with local, state and federal regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No	Chemical Name	Quantity		
	EC No.	Index No.	REACH No.	
	Classification according to Regulation (EC) No. 1272/2008 (CLP)			
67-63-0	Isopropyl alcohol			28%
	200-661-7	603-117-00-0	Not Applicable	
	Eye Irr.2: H319; Flame Liq.2: H225; STOT SE3: H336			
9005-64-5	Polysorbate 20			1%
	500-018-3	Not Applicable	Not Applicable	
	Not applicable			

Full text of H and EUH statements: see section 16.

4. FIRST AID MEASURES

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4.1 Description of first aid measures

General Information

Take off contaminated clothing.

After Inhalation

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

After skin contact

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunk in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Carbon dioxide or dry powder extinguishers, alcohol-resistant foam, water spray/mist.

5.2 Unsuitable extinguished media

Water in a jet

5.3 Special hazards arising from substance or mixture

Fire hazard: DIRECT FIRE HAZARD. Highly flammable. Gas/vapor flammable with air within explosion limits. INDIRECT FIRE HAZARD. May be ignited by sparks. Gas/vapor spreads at floor level: Ignition hazard.

Explosion hazard: DIRECT EXPLOSION HAZARD. Gas/vapour explosive with air within explosion limits. INDIRECT EXPLOSION HAZARD. May be ignited by sparks. Reactions with explosion hazards.

Reactivity: Upon combustion: CO and CO₂ are formed. Violent to explosive reaction with (strong) oxidizers. Prolonged storage/in large quantities: May form peroxides.

5.4 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Cool tanks/drums with water spray/remove them into safety. Do not move the load if exposed to heat.

5.5 Unusual Fire Hazards:

None

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment (refer to section 8).

Keep away from source of ignition.

6.2. Environmental precautions

Discharge into the environment must be avoided.

6.3. Methods and material for containment and cleaning up

Contain and add absorbent materials.

Treat the recovered material as prescribed in the section on waste disposal.

Clean contaminated articles and floor according to the environmental legislation.

6.4 Reference to other sections

Safe handling: see section 7.

Personal protection equipment: see section 8.

Disposal: see section 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Wear personal protection equipment (refer to section 8).

Advice on protection against fire and explosion

Flammable

Further information on handling

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General protection and hygiene measures: refer to section 8.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Do not store together with food and feeding stuffs.

Further information on storage conditions

Keep the packing dry and well-sealed to prevent contamination. Recommended storage temperature: 20°C

7.3. Specific end use(s): refer to section 1.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure Control

8.2.1 General protective and hygienic measures: Wash hands before breaks and at the end of work.

8.2.2 Personal protective equipment:

Respiratory protection: No personal respiratory protective equipment normally required. In inadequately ventilated areas, where workplace limits are exceeded, where unpleasant odours exist or where aerosols are in use, or smoke and mist occur, use self-contained breathing apparatus or breathing apparatus with a type A filter or appropriate combined filter.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling.

Body protection: Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	: 86 °C
Specific Gravity	: 0.967 (at 20°C)
Flash Point	: 26 °C
Volatile Organic (%)	: 27.8 %
pH	: 12.0 – 14.0
Evaporation Rate	: 1.5 (Butyl acetate =1)
Solubility in Water	: Water soluble
Appearance (color)	: Yellow
Appearance (form)	: Liquid
Odor	: Citrus

10. STABILITY AND REACTIVITY

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability: Stable under normal condition

Thermal decomposition / conditions to avoid: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions: No dangerous reactions known.

10.4 Conditions to avoid: Avoid extreme temperatures, direct sunlight, open flame and sparks.

10.5 Incompatible materials: Strong oxidizing agents

10.6 Hazardous decomposition products: Carbon dioxide and carbon monoxide

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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Exposure route	Endpoint	Value	Species	Source
Oral	LD50	5840 mg/kg	Rat	ECHA
Inhalation	LC50	25000 mg/m ³	Rat	ECHA
Dermal	LD50	13900 mg/kg	Rabbit	ECHA

Skin corrosion/irritation: Low order of toxicity. Prolonged contact may de-fat and dry the skin leading to discomfort and dermatitis.

Serious eye damage/eye irritation: Will cause eye discomfort but will not injure eye tissues.

Respiratory or skin sensitization: Vapor concentrations above 300 ppm (total hydrocarbon) exposure levels may be irritating to the eyes and the respiratory tract, may cause headaches and dizziness, could be anesthetic and may have other central nervous system effects.

Summary of evaluation of the CMR properties: Shall not be classified as a germ cell mutagenic, carcinogenic nor as a reproductive toxicant.

Specific target organ toxicity – single exposure: May cause drowsiness and dizziness.

Specific target organ toxicity – repeated exposure: No data available.

Aspiration hazard: No data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available.

12.2 Process of degradability

No data available.

12.3 Bio-accumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB Assessment

This substance/mixture contains no components considered to be either persistent, bio-accumulative and toxic (PBT), or very persistent and very bio-accumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Data are not available.

13. DISPOSAL CONSIDERATION

13.1 Waste treatment methods

This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulation.

Sewage disposal-related information

Do not empty into drains.

13.2 Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

14. TRANSPORT INFORMATION

14.1 UN number

IMDG: 1219

IATA-DGR: 1219

14.2 UN proper shipping name

IMDG: Isopropanol/Isopropyl alcohol

IATA-DGR: Isopropanol/Isopropyl alcohol

14.3 Transport hazard class(es)

IMDG: 3

IATA-DGR: 3

14.4 Packaging group

IMDG: II

IATA-DGR: II

14.5 Environmental hazards

No hazard identified.

14.6 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available.

14.7 Special precaution for user

No data available.

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15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

2010/75/EU (VOC) : No information available.

2004/42/EC (VOC) : No information available.

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III).

Additional information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

REACH 1907/2006 Appendix XVII: Not relevant

National regulatory information

Water contaminating class (D): Non-contaminating.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

16. OTHER INFORMATION

Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.

The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material use in combination with any other materials or any process, unless specified in the test.